Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019959.D
Acq On : 13 Dec 2020 02:29
Operator : JC/MD
Sample : PB133565ZHE#11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133565ZHE#11

Quant Time: Dec 14 08:23:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.63	168	296519	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	491155	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.09	117	456655	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190602	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	190635	48.92	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.84%				
35) Dibromofluoromethane	5.46	113	150680	47.47	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.94%				
50) Toluene-d8	8.70	98	602793	49.74	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.48%				
62) 4-Bromofluorobenzene	11.12	95	209718	45.47	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.94%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	712	0.637	ug/l		88
10) Methyl Iodide	2.50	142	1069	0.270	ug/l	#	94
11) Tert butyl alcohol	2.99	59	8252	7.768	ug/l	#	78
13) Acrolein	2.27	56	147	0.342	ug/l	#	1
16) Acetone	2.42	43	18503	12.631	ug/l		96
18) Methyl Acetate	2.75	43	2520	0.703	ug/l		90
20) Methylene Chloride	2.84	84	18995	4.382	ug/l		96
25) 2-Butanone	4.64	43	3643	1.618	ug/l		97
29) Tetrahydrofuran	5.10	42	1901	1.311	ug/l		90
31) Cyclohexane	5.62	56	5672	1.170	ug/l	#	1
36) 1,1-Dichloropropene	5.62	75	22612	5.095	ug/l	#	48
37) Ethyl Acetate	4.64	43	3643	0.813	ug/l	#	68
38) Carbon Tetrachloride	5.63	117	28666	6.596	ug/l	#	16
41) Methacrylonitrile	5.10	41	1212	0.493	ug/l	#	30
43) Isopropyl Acetate	6.41	43	26453	3.631	ug/l		99
48) Methyl methacrylate	7.65	41	6744	1.882	ug/l	#	10
49) 1,4-Dioxane	7.85	88	236	2.719	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	89453	20.111	ug/l	#	47
54) cis-1,3-Dichloropropene	8.59	75	47310	8.643	ug/l	#	58
57) 1,3-Dichloropropane	9.52	76	29480	5.053	ug/l	#	43
59) 2-Hexanone	9.52	43	353988	102.671	ug/l	#	46
76) 1,2,3-Trichloropropane	11.12	75	101004	23.627	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.49	105	6307	0.574	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.12	75	101004	68.302	ug/l	#	12

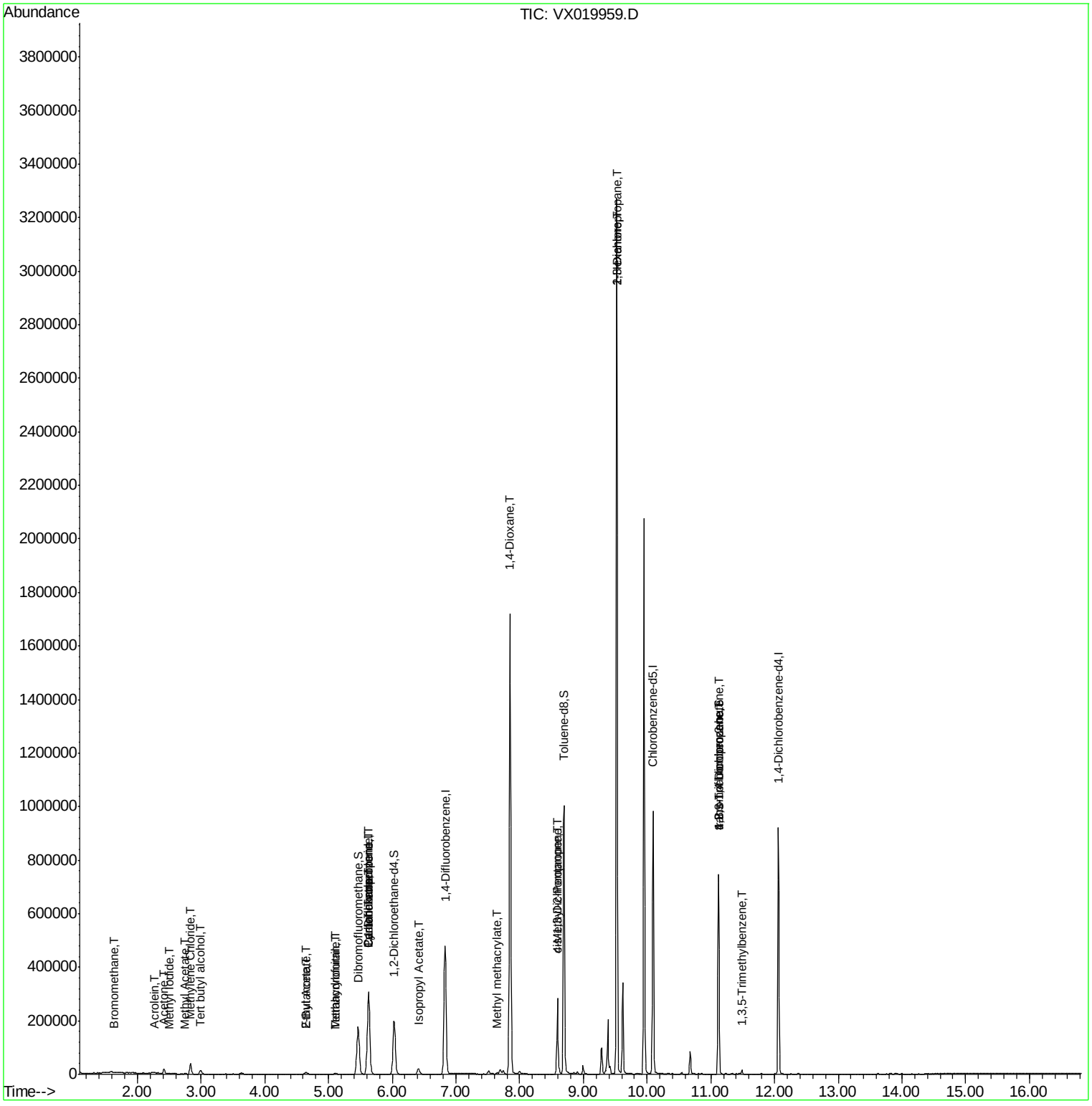
(#) = qualifier out of range (m) = manual integration (+) = signals summed

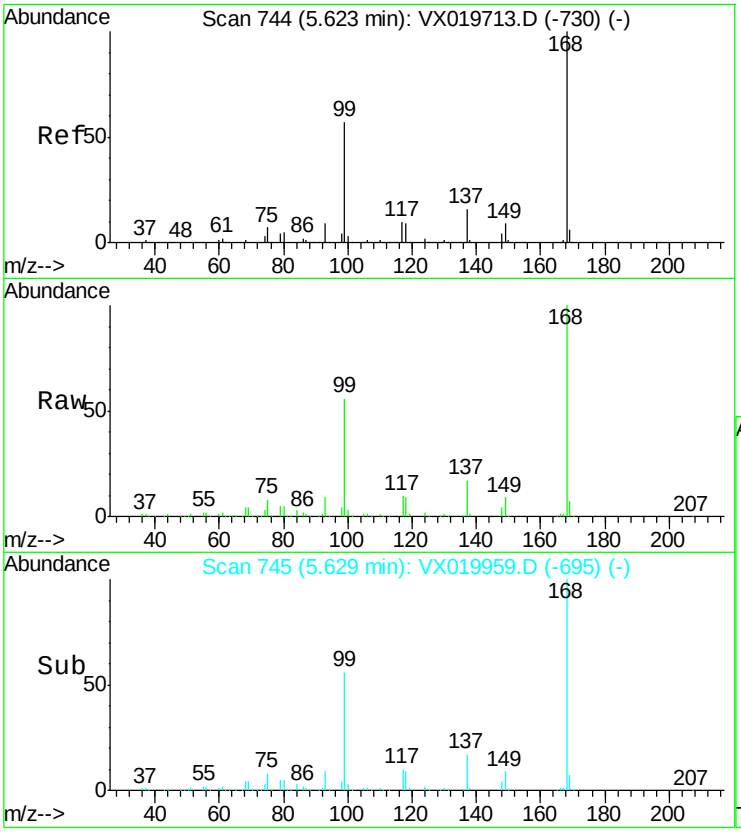
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019959.D
Acq On : 13 Dec 2020 02:29
Operator : JC/MD
Sample : PB133565ZHE#11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Quant Time: Dec 14 08:23:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



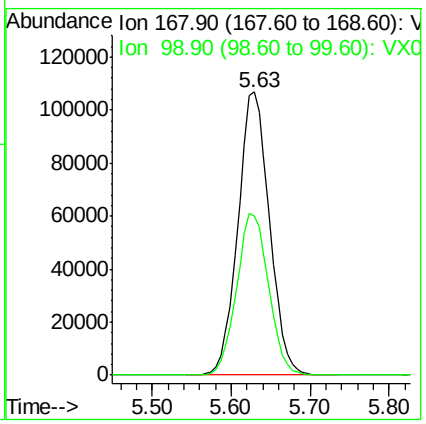


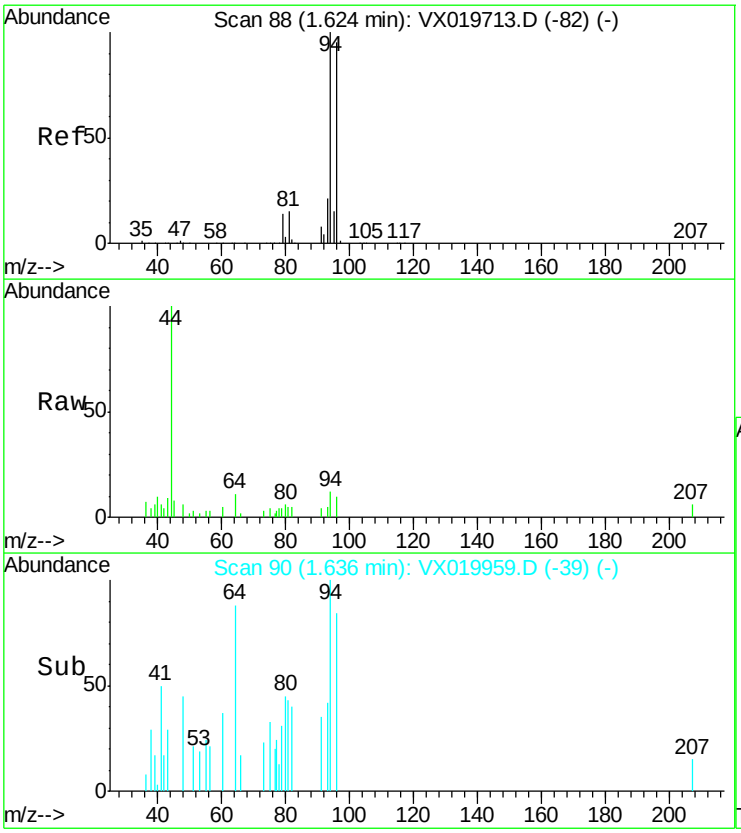
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion:168 Resp: 296519

Ion	Ratio	Lower	Upper
168	100		
99	56.1	45.8	68.6

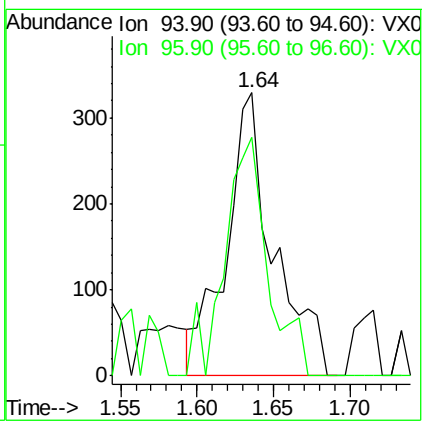


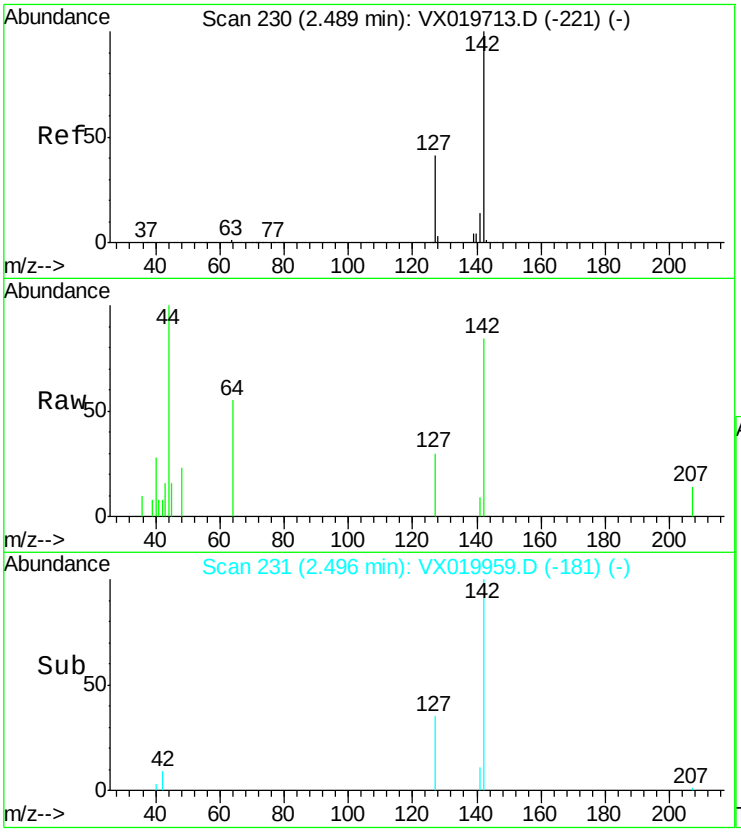


#5
Bromomethane
Concen: 0.637 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 94 Resp: 712

Ion	Ratio	Lower	Upper
94	100		
96	84.2	76.4	114.6



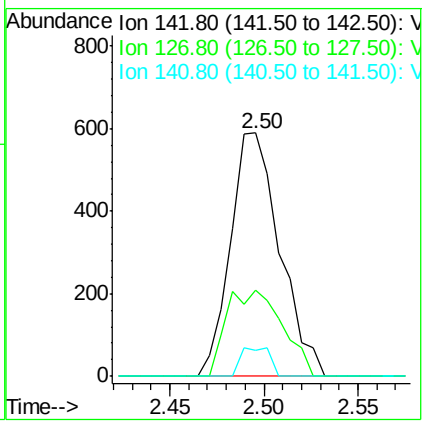


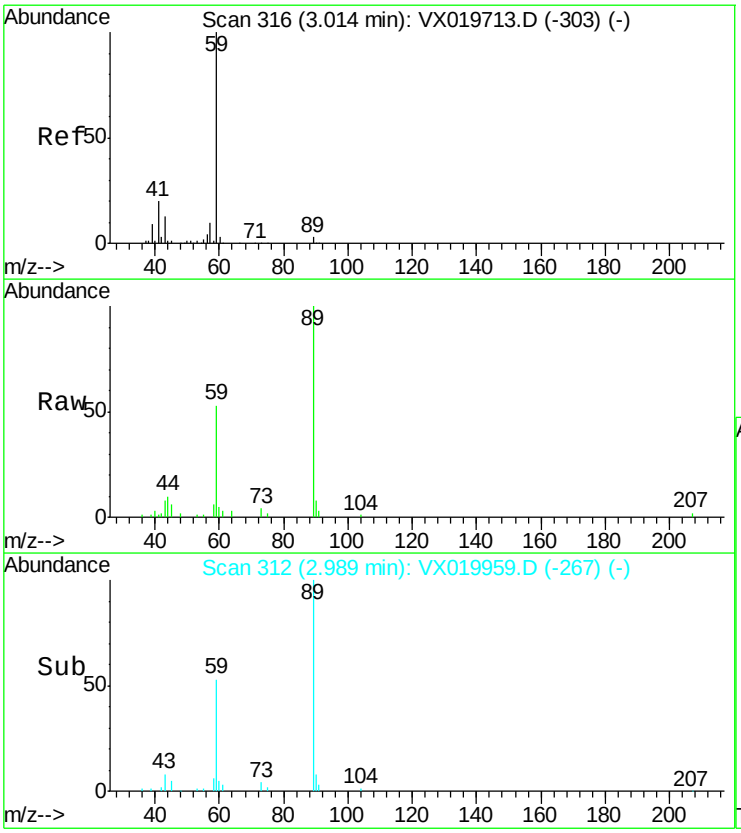
#10
Methyl Iodide
Concen: 0.270 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion:142 Resp: 1069

Ion	Ratio	Lower	Upper
142	100		
127	39.9	33.3	49.9
141	6.9	11.4	17.0#

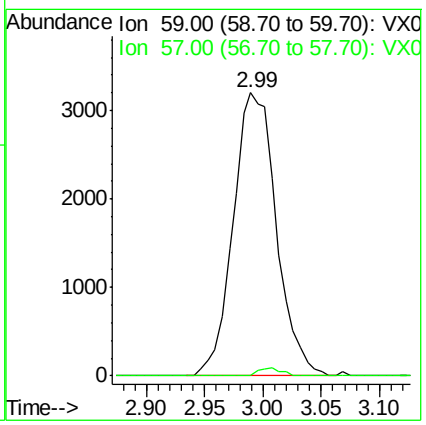


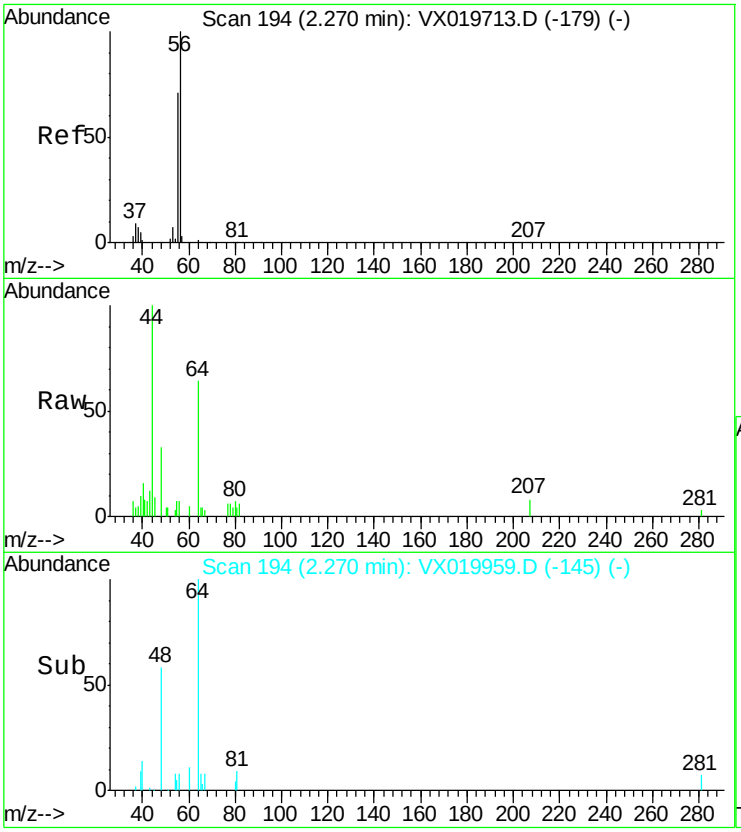


#11
Tert butyl alcohol
Concen: 7.768 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 59 Resp: 8252

Ion	Ratio	Lower	Upper
59	100		
57	1.6	7.8	11.8#



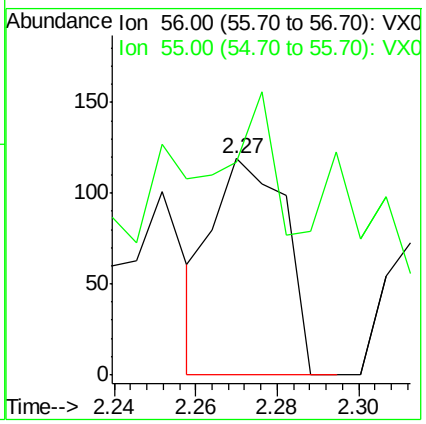


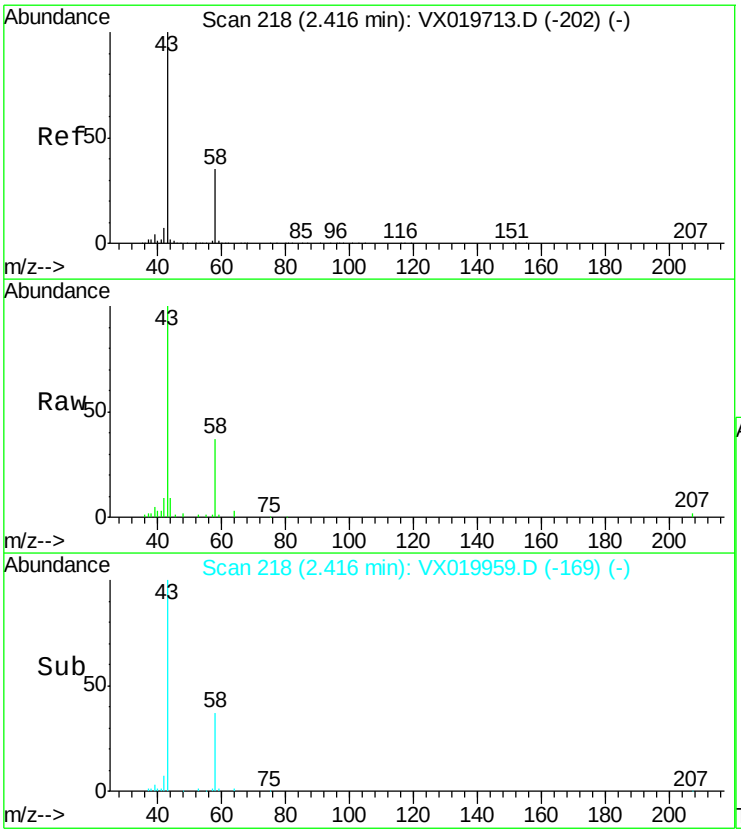
#13
Acrolein
Concen: 0.342 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion: 56 Resp: 147

Ion	Ratio	Lower	Upper
56	100		
55	305.4	56.4	84.6#

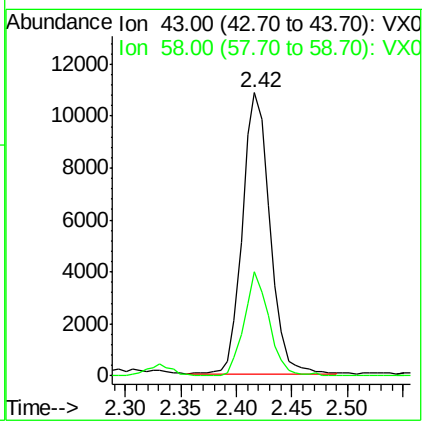


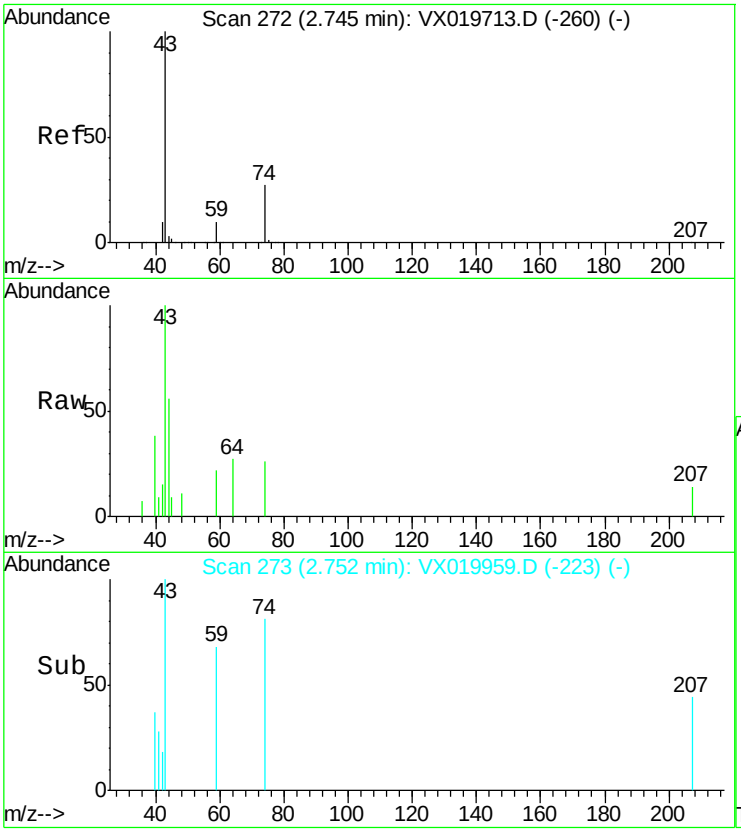


#16
Acetone
Concen: 12.631 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 43 Resp: 18503

Ion	Ratio	Lower	Upper
43	100		
58	37.0	27.8	41.8



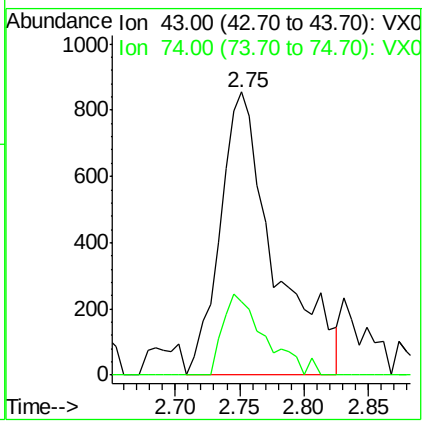


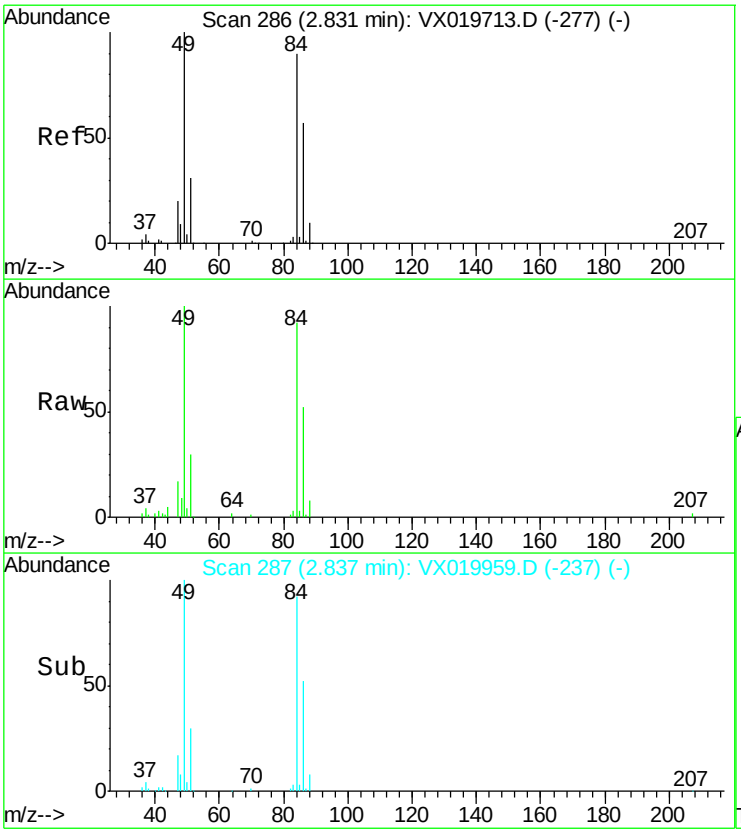
#18
Methyl Acetate
Concen: 0.703 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion: 43 Resp: 2520

Ion	Ratio	Lower	Upper
43	100		
74	22.2	21.9	32.9

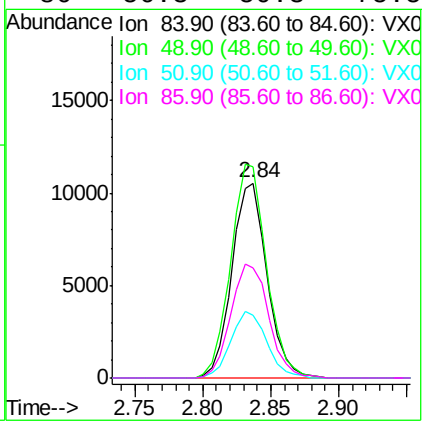


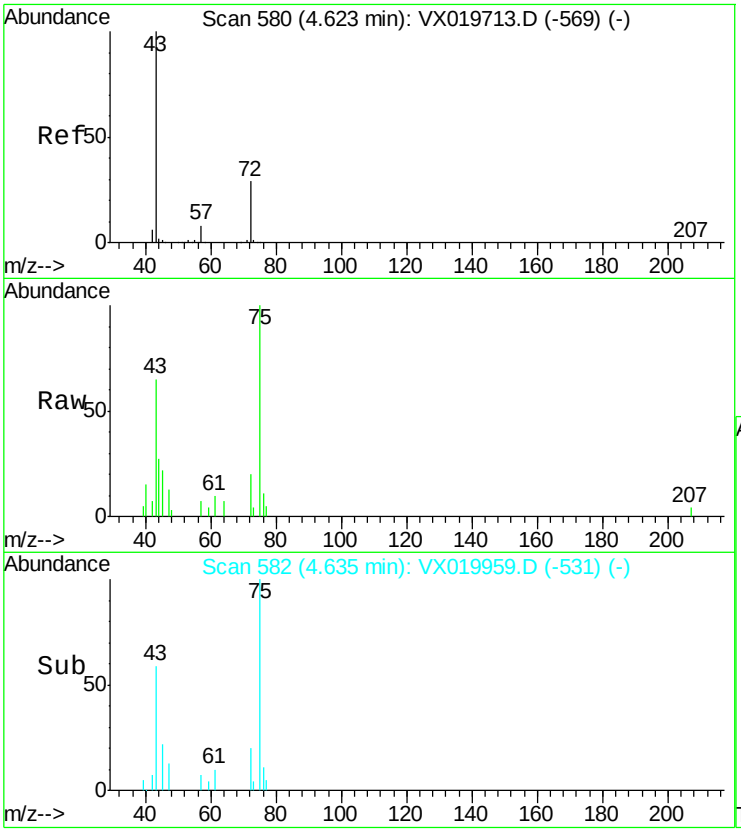


#20
Methylene Chloride
Concen: 4.382 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 84 Resp: 18995

Ion	Ratio	Lower	Upper
84	100		
49	108.2	88.6	132.8
51	32.5	27.0	40.6
86	56.3	50.3	75.5



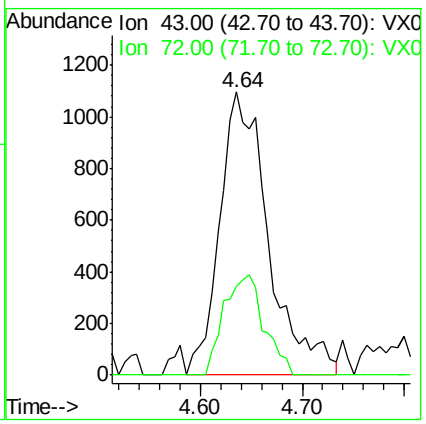


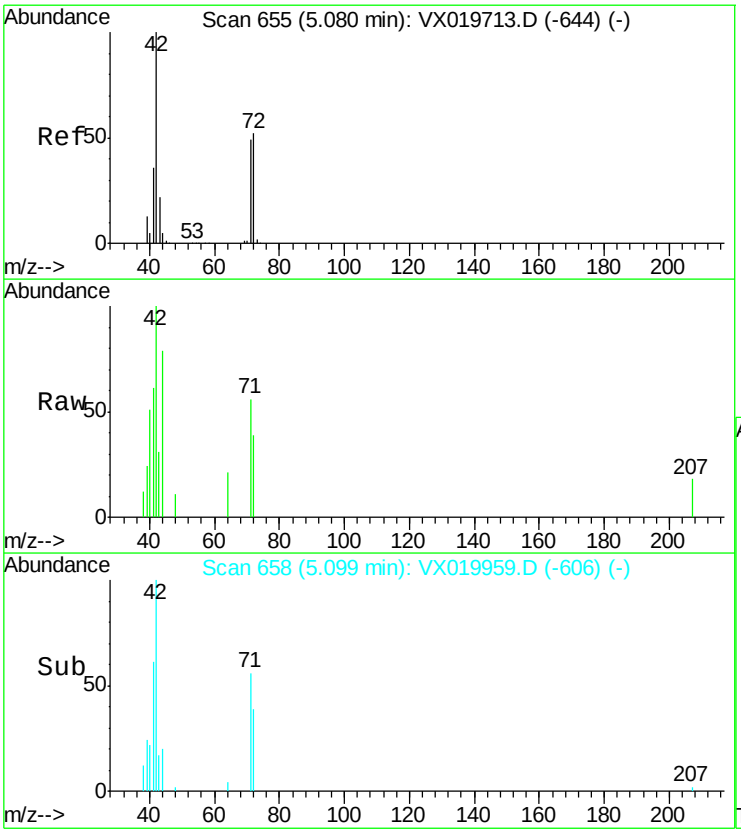
#25
2-Butanone
Concen: 1.618 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion: 43 Resp: 3643

Ion	Ratio	Lower	Upper
43	100		
72	31.3	23.7	35.5

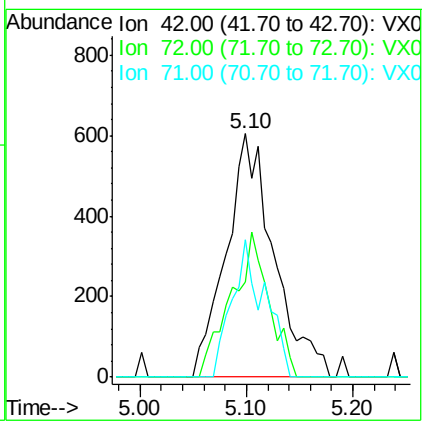


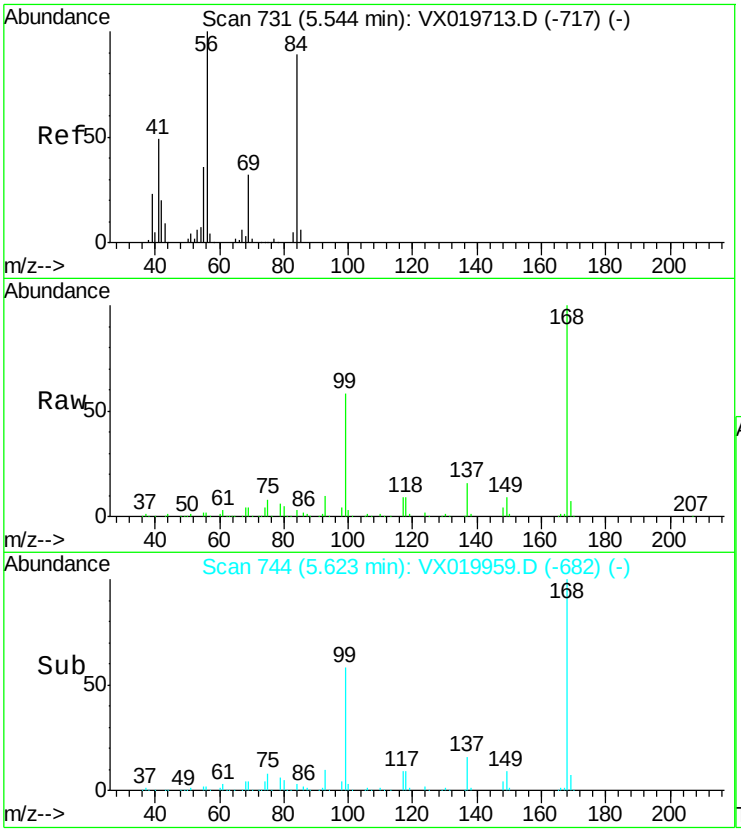


#29
Tetrahydrofuran
Concen: 1.311 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 42 Resp: 1901

Ion	Ratio	Lower	Upper
42	100		
72	47.2	41.7	62.5
71	39.0	38.4	57.6



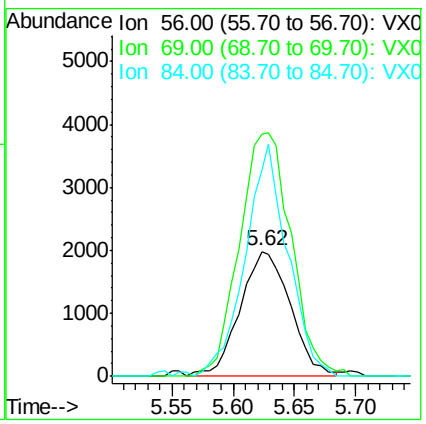


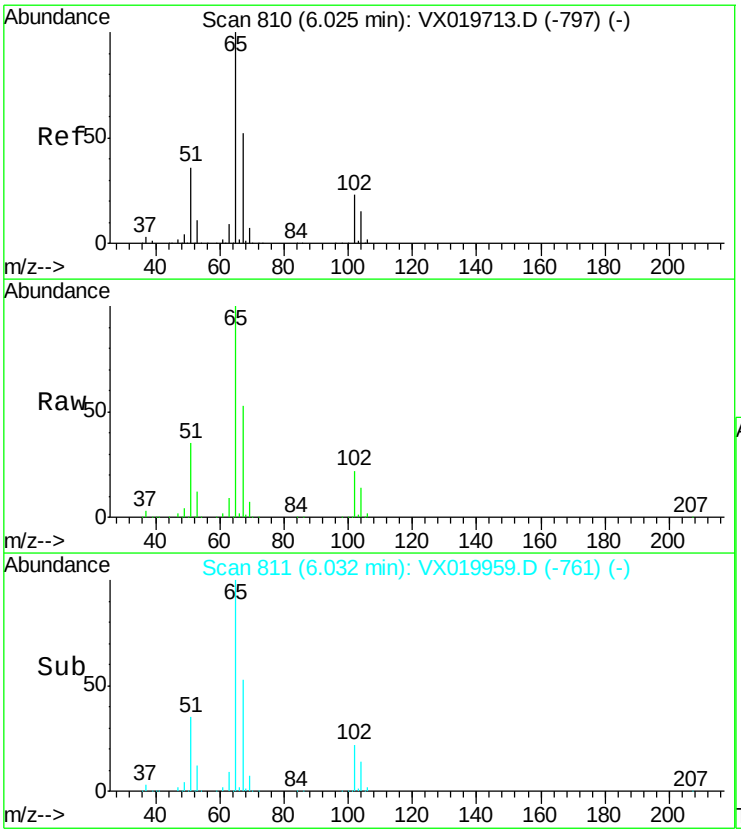
#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion: 56 Resp: 5672

Ion	Ratio	Lower	Upper
56	100		
69	194.0	25.3	37.9#
84	164.7	71.4	107.0#

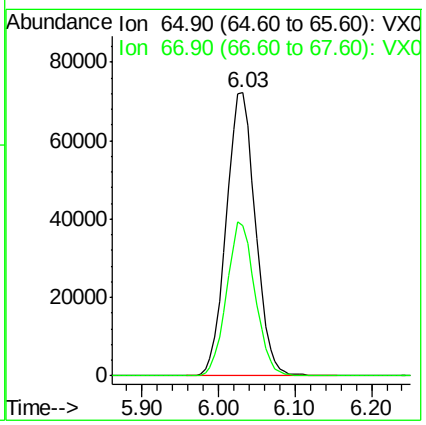


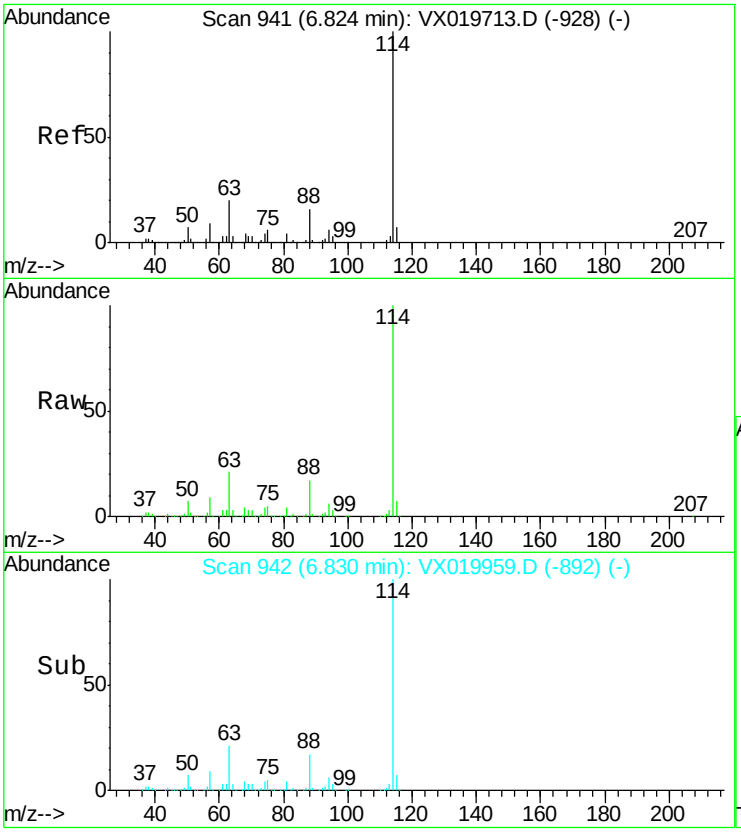


#33
1,2-Dichloroethane-d4
Concen: 48.917 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 65 Resp: 190635

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.4



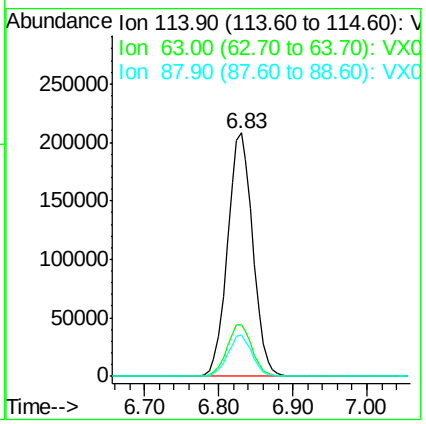


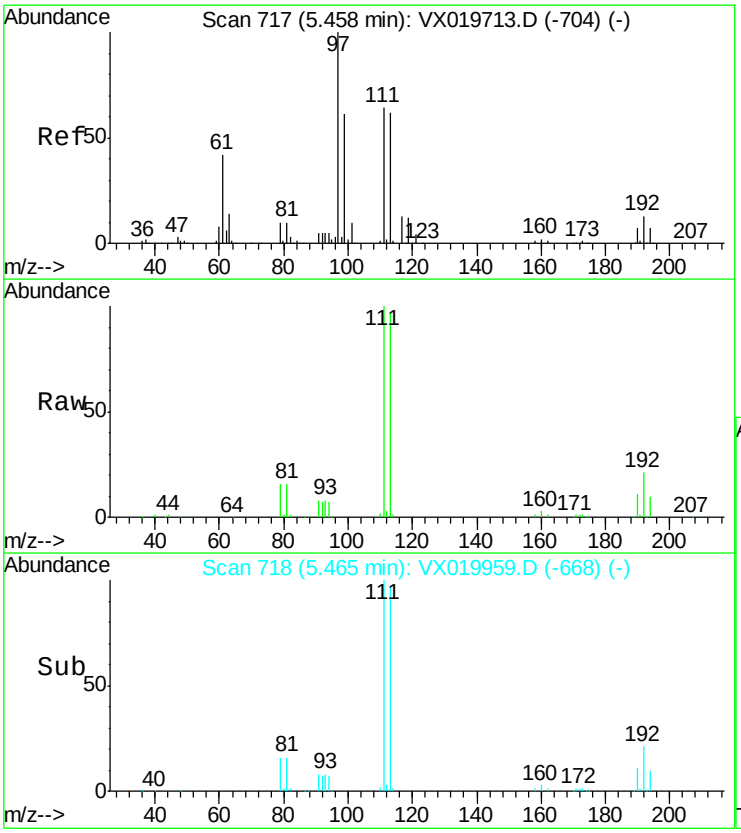
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion:114 Resp: 491155

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	16.8	0.0	32.8

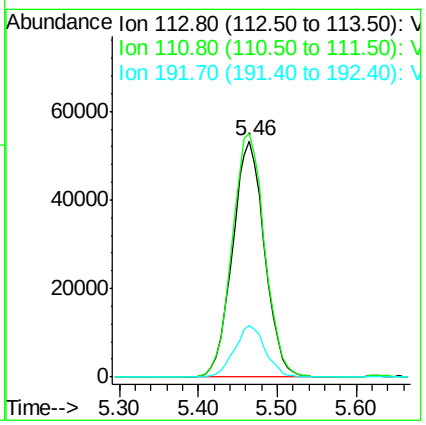


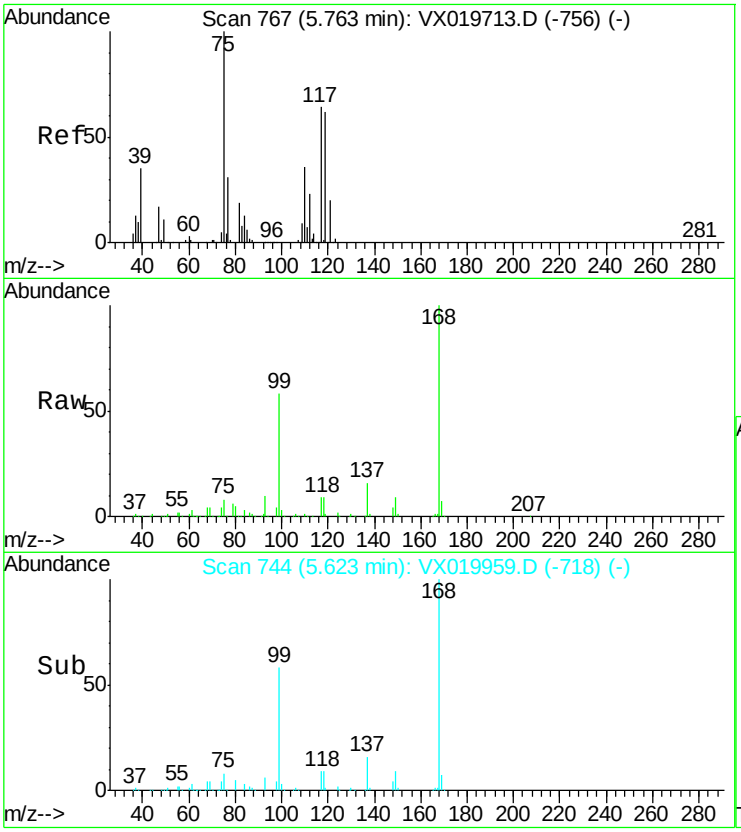


#35
Dibromofluoromethane
Concen: 47.469 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion:113 Resp: 150680

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	21.2	16.7	25.1



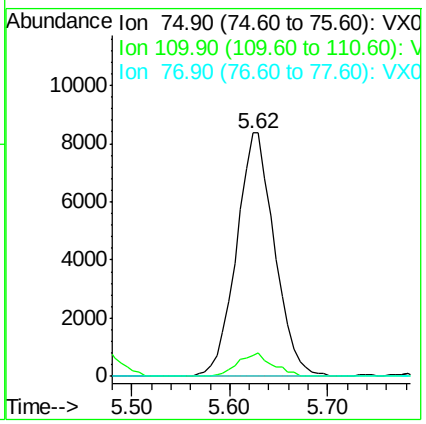


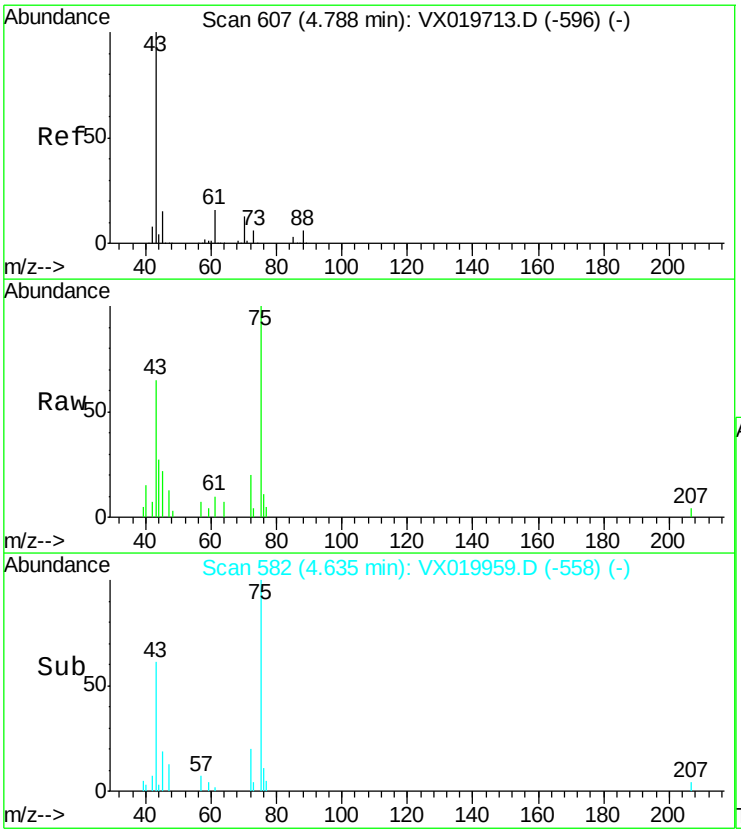
#36
1,1-Dichloropropene
Concen: 5.095 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion: 75 Resp: 22612

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#

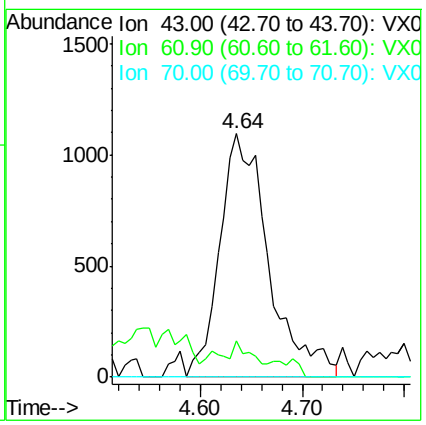


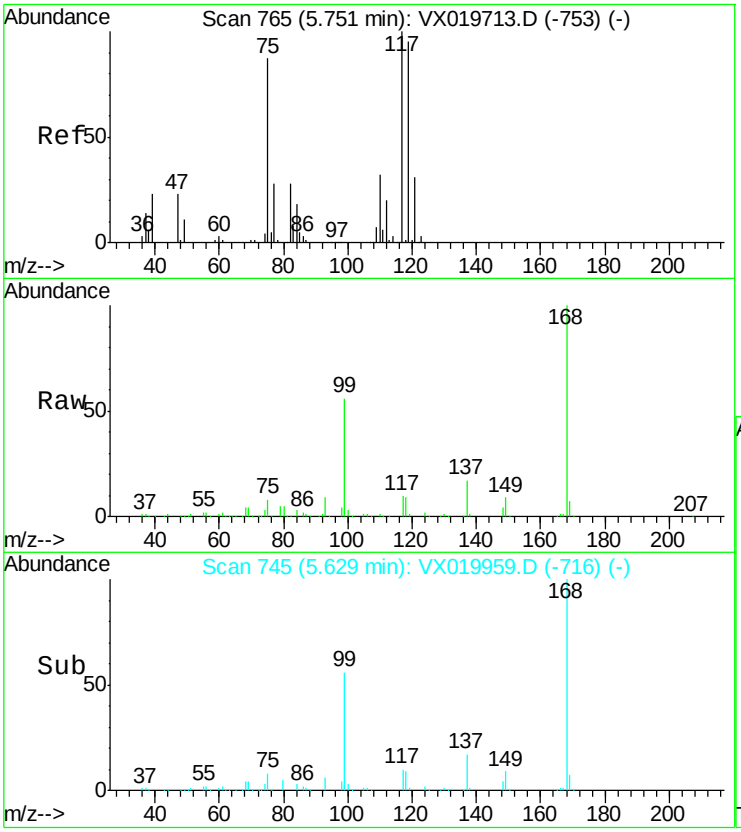


#37
Ethyl Acetate
Concen: 0.813 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.15 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 43 Resp: 3643

Ion	Ratio	Lower	Upper
43	100		
61	2.3	12.8	19.2#
70	0.0	10.5	15.7#



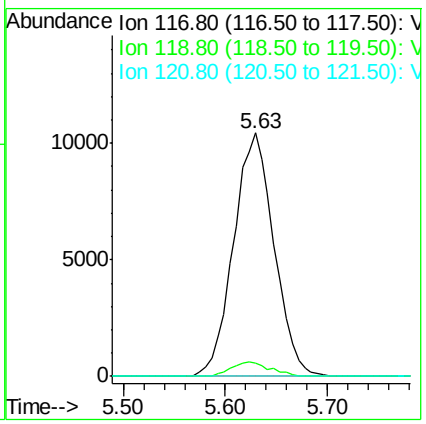


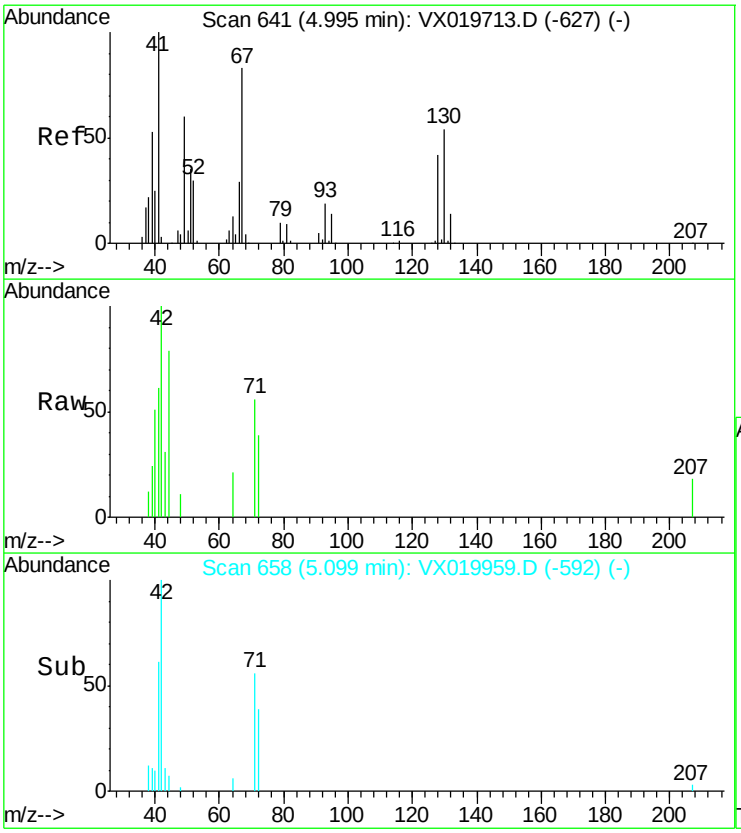
#38
Carbon Tetrachloride
Concen: 6.596 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion:117 Resp: 28666

Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.2	114.2#
121	0.0	24.8	37.2#

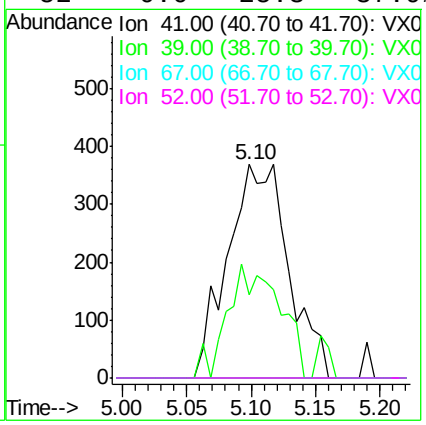


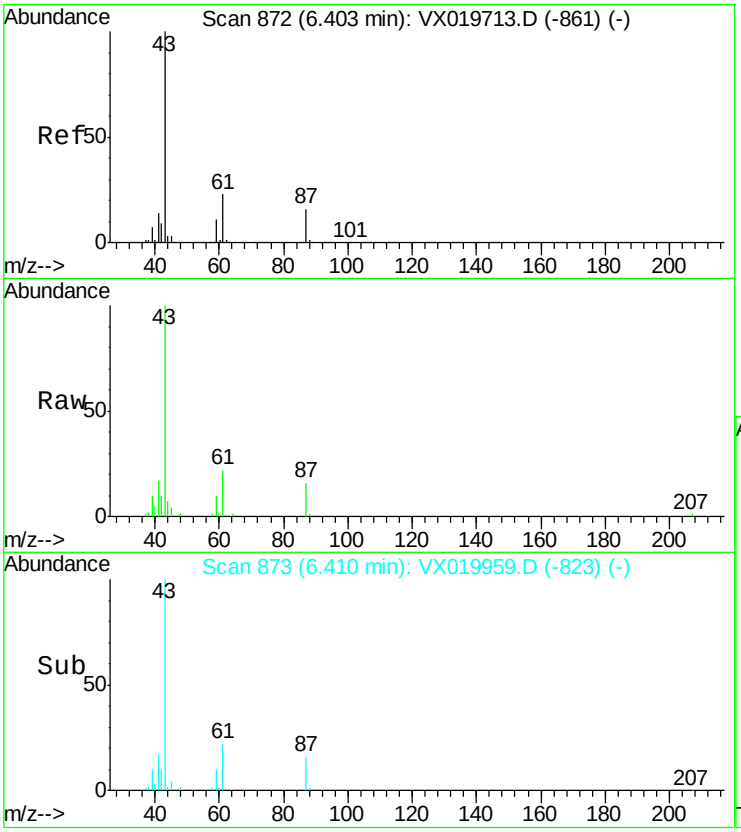


#41
Methacrylonitrile
Concen: 0.493 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 41 Resp: 1212

Ion	Ratio	Lower	Upper
41	100		
39	21.2	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



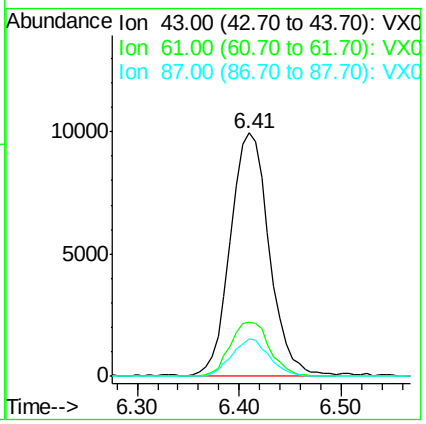


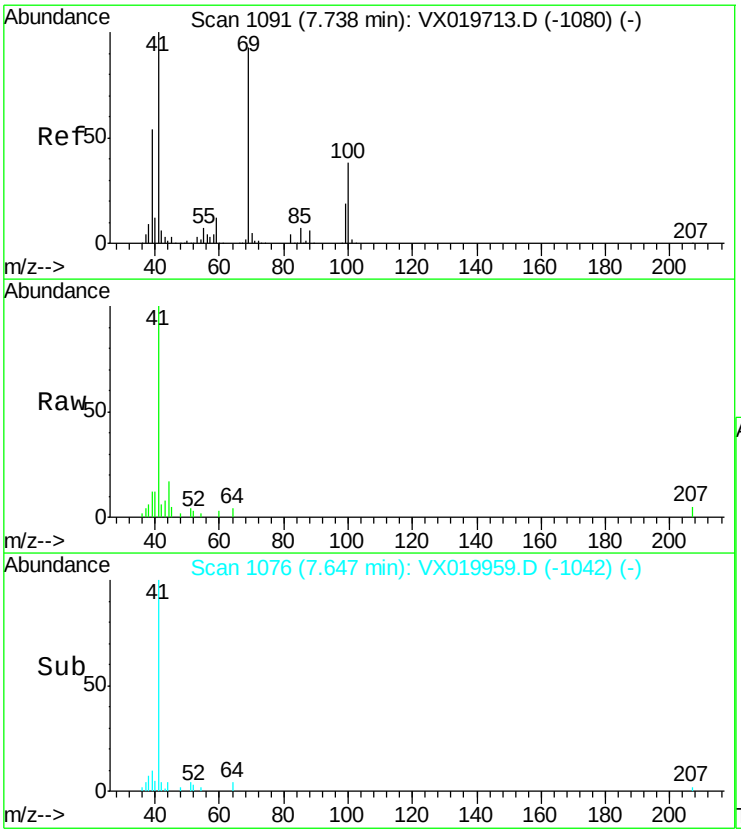
#43
Isopropyl Acetate
Concen: 3.631 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion: 43 Resp: 26453

Ion	Ratio	Lower	Upper
43	100		
61	22.5	18.2	27.4
87	14.6	12.5	18.7

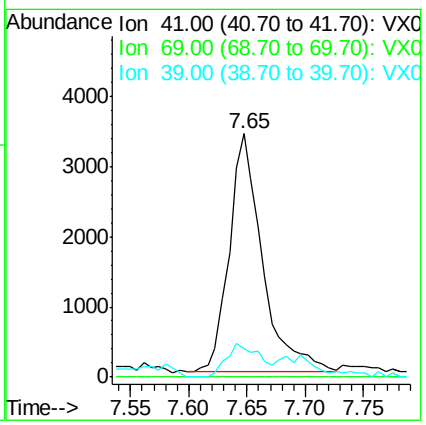


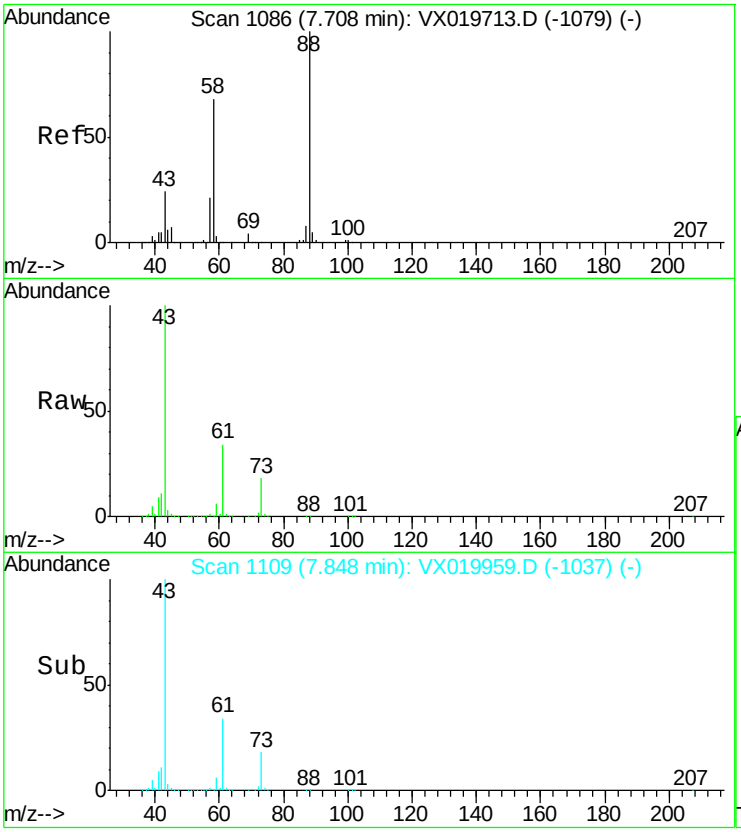


#48
Methyl methacrylate
Concen: 1.882 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 41 Resp: 6744

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



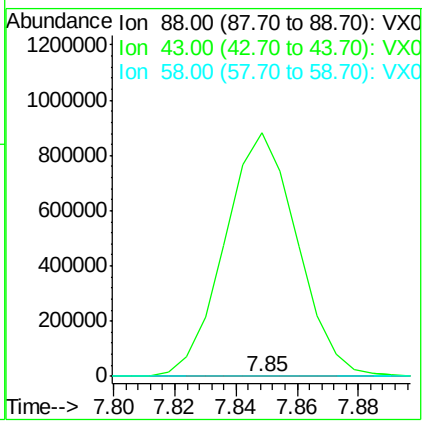


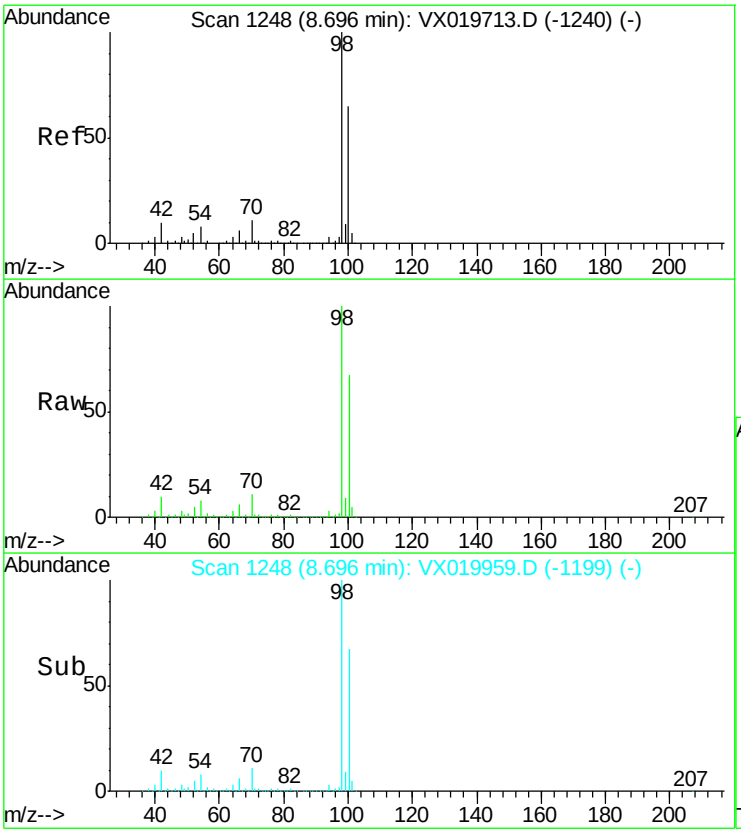
#49
1,4-Dioxane
Concen: 2.719 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.14 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion: 88 Resp: 236

Ion	Ratio	Lower	Upper
88	100		
43	620248.7	23.2	34.8#
58	3102.5	55.0	82.4#

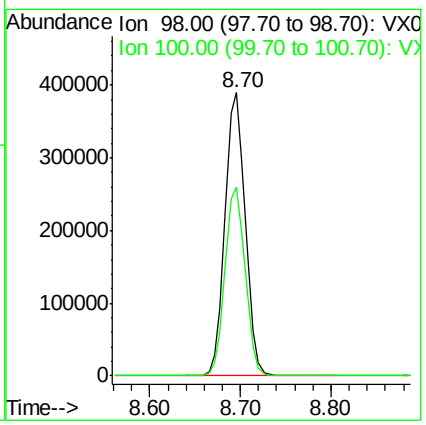


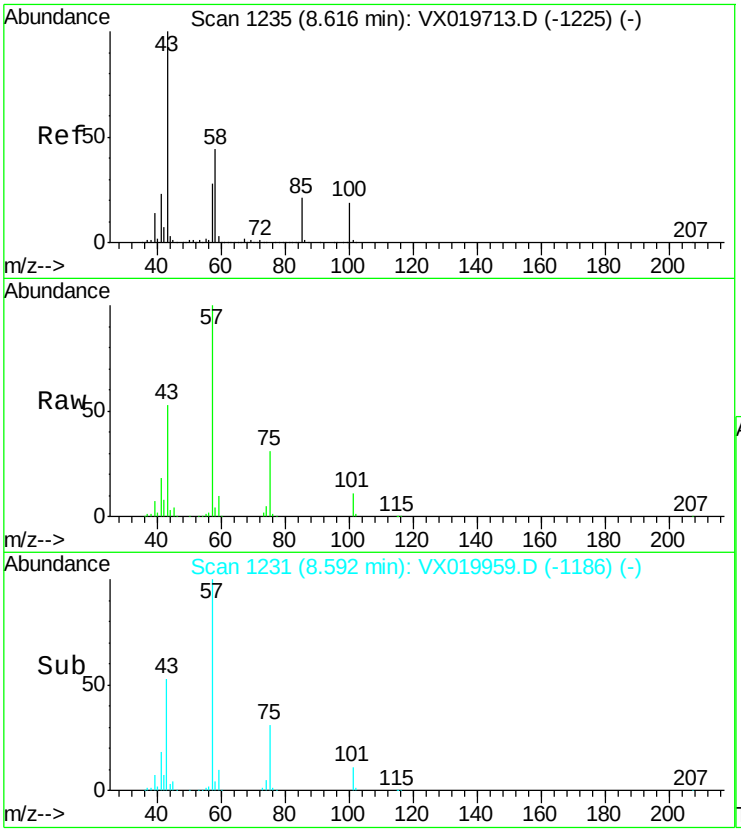


#50
Toluene-d8
Concen: 49.742 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 98 Resp: 602793

Ion	Ratio	Lower	Upper
98	100		
100	66.7	51.9	77.9



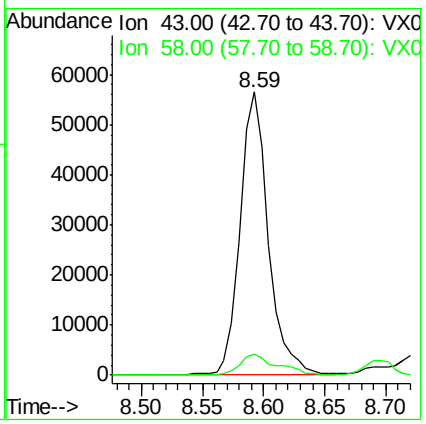


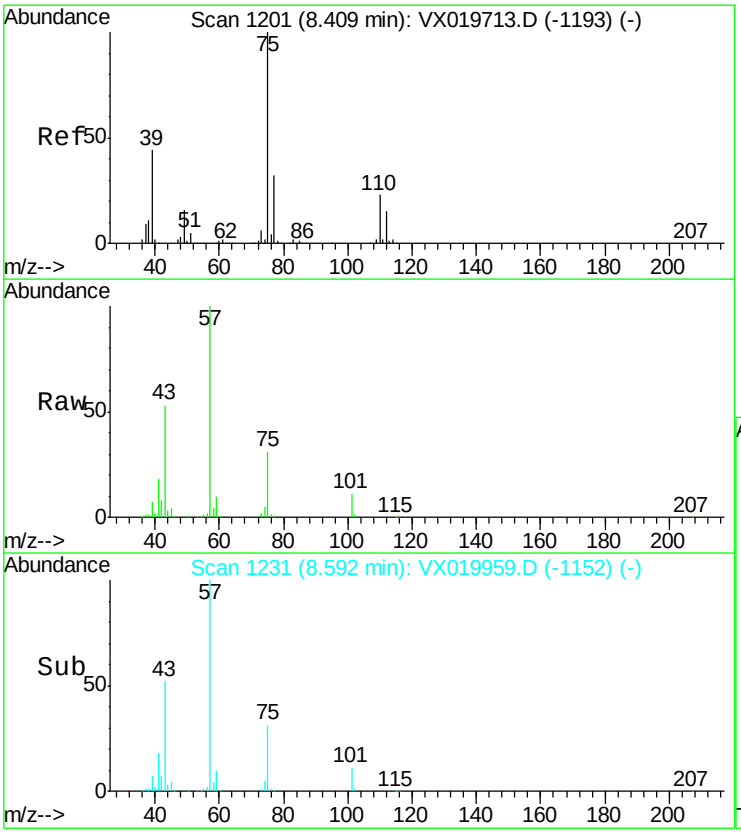
#51
4-Methyl-2-Pentanone
Concen: 20.111 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion: 43 Resp: 89453

Ion	Ratio	Lower	Upper
43	100		
58	9.8	35.4	53.0#

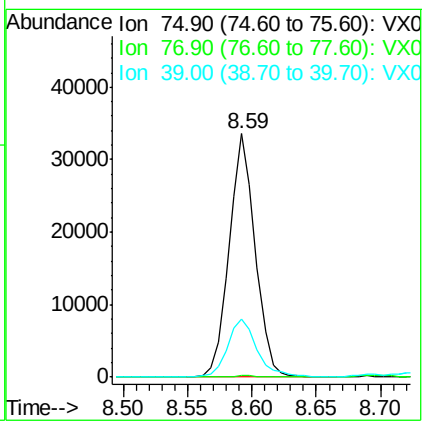


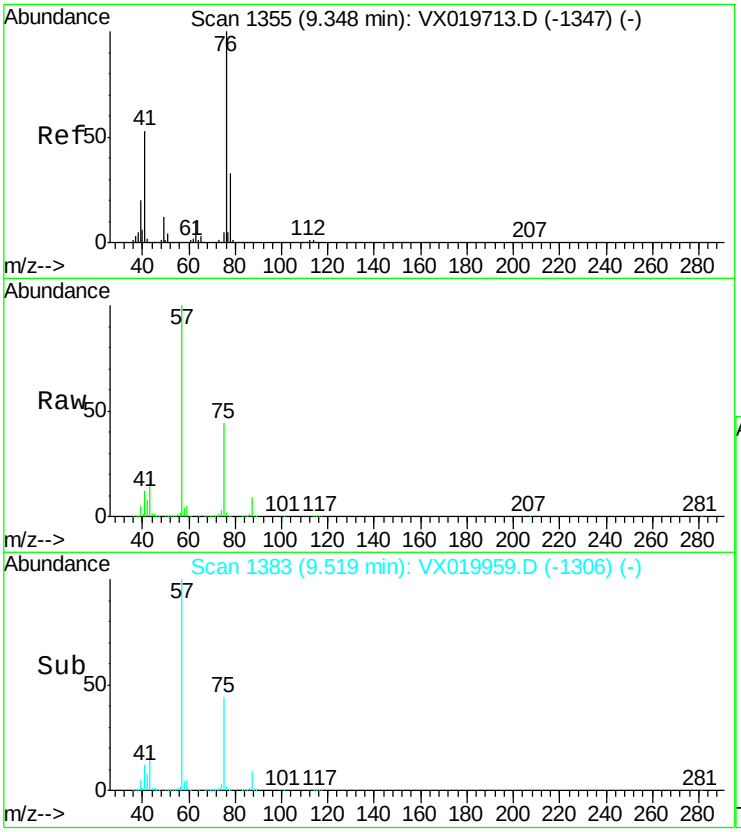


#54
cis-1,3-Dichloropropene
Concen: 8.643 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 75 Resp: 47310

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.7	38.5#
39	23.6	35.1	52.7#



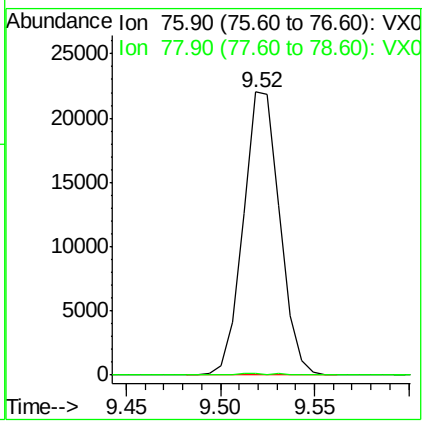


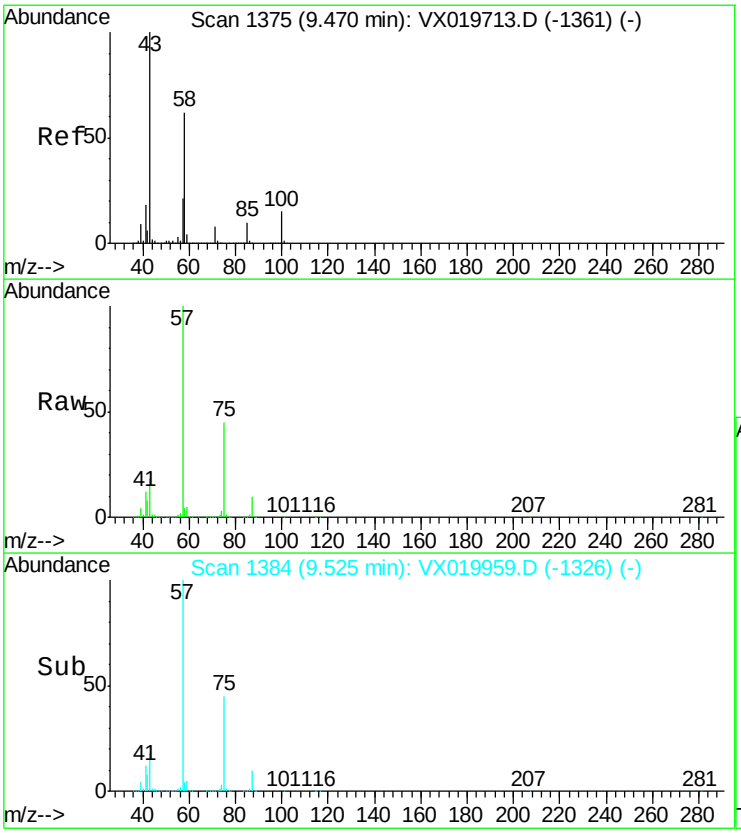
#57
1,3-Dichloropropane
Concen: 5.053 ug/l
RT: 9.52 min Scan# 1383
Delta R.T. 0.17 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion: 76 Resp: 29480

Ion	Ratio	Lower	Upper
76	100		
78	0.6	26.2	39.2#

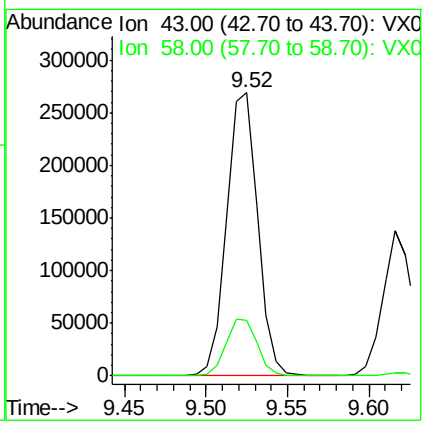


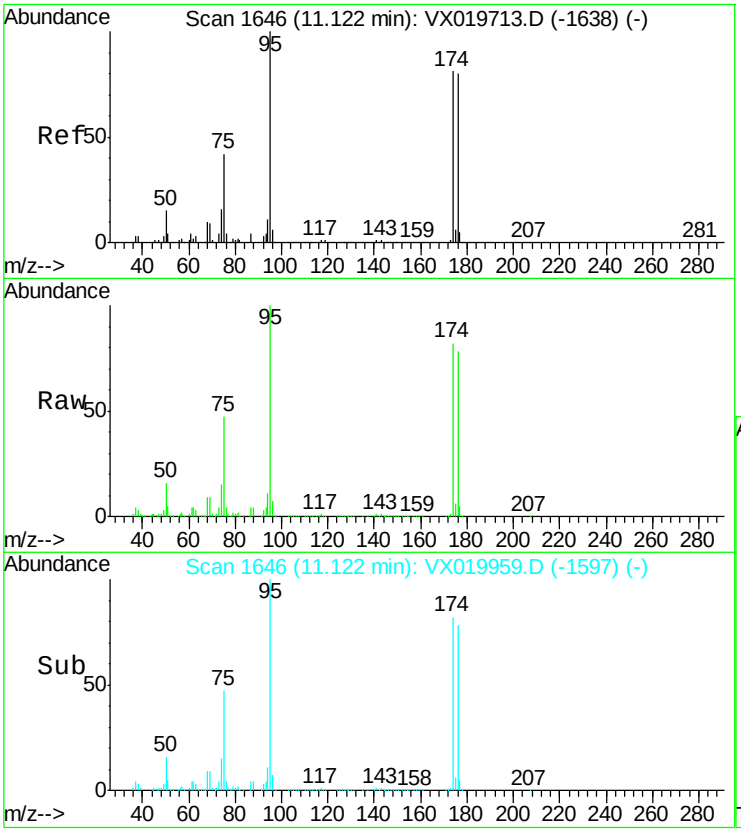


#59
2-Hexanone
Concen: 102.671 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.06 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 43 Resp: 353988

Ion	Ratio	Lower	Upper
43	100		
58	20.6	30.9	92.8#



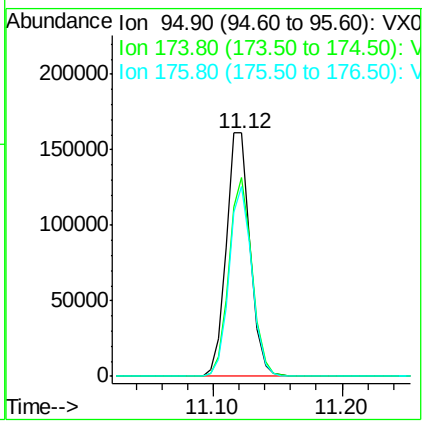


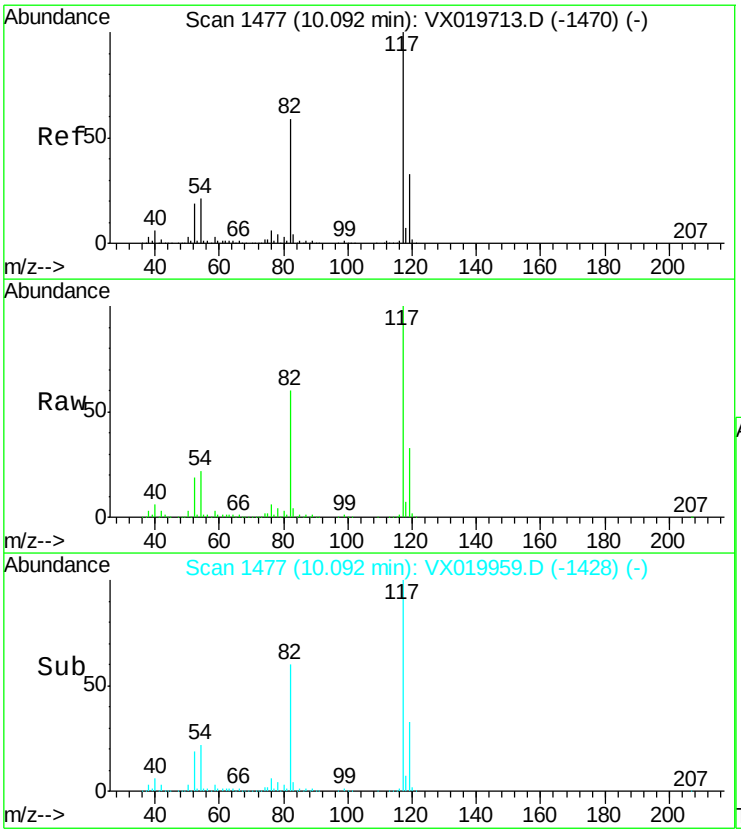
#62
4-Bromofluorobenzene
Concen: 45.468 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion: 95 Resp: 209718

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	154.6
176	74.9	0.0	155.8

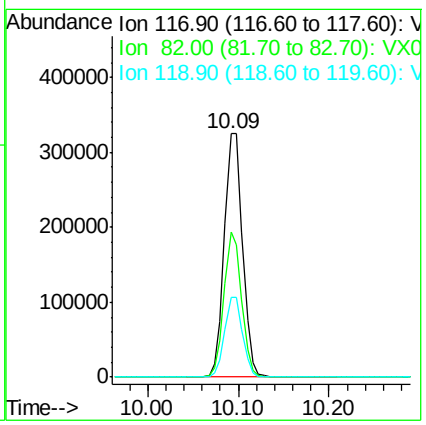


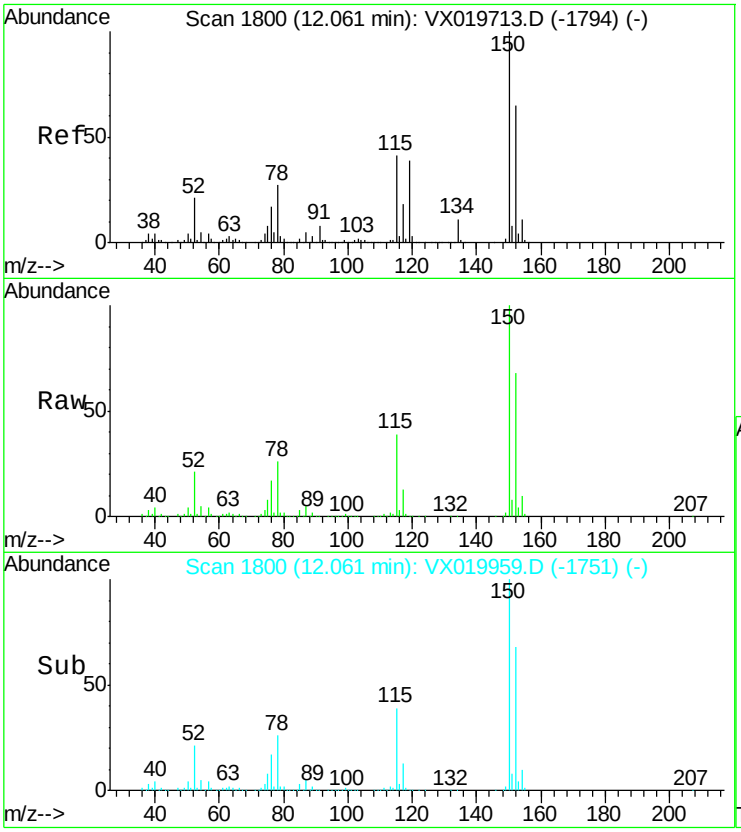


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion:117 Resp: 456655

Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.4	71.2
119	32.6	26.6	39.8



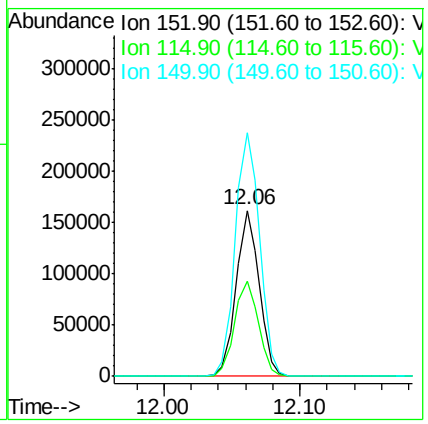


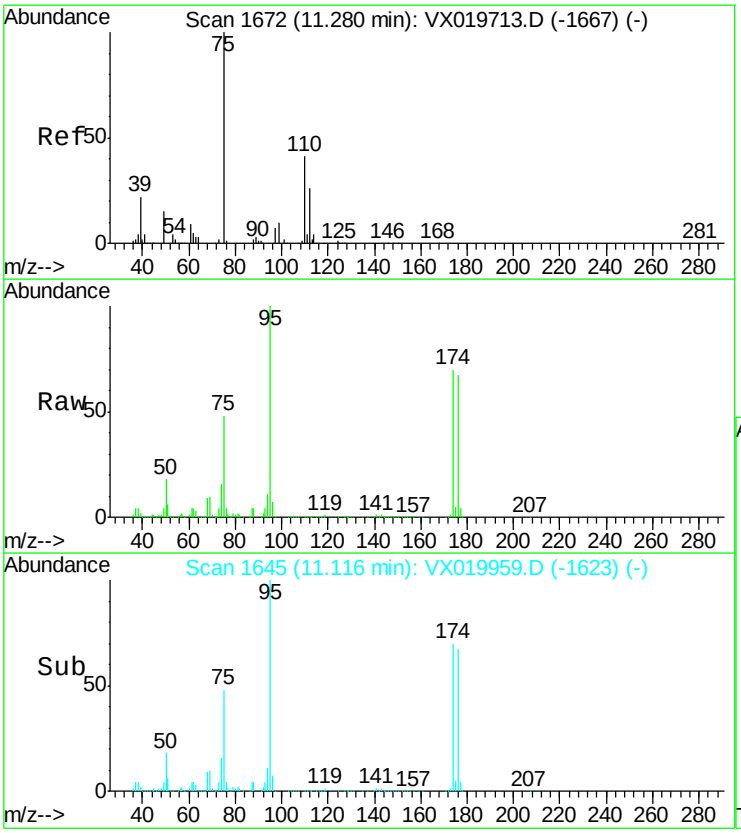
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion:152 Resp: 190602

Ion	Ratio	Lower	Upper
152	100		
115	59.7	41.1	123.3
150	155.5	0.0	349.0

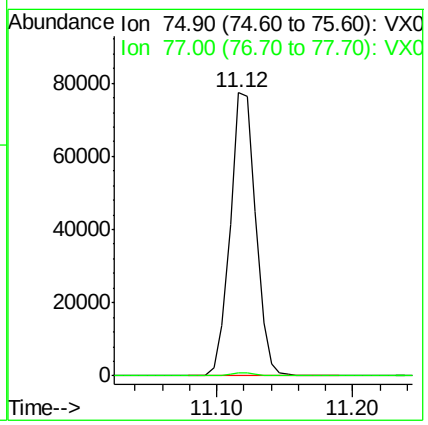


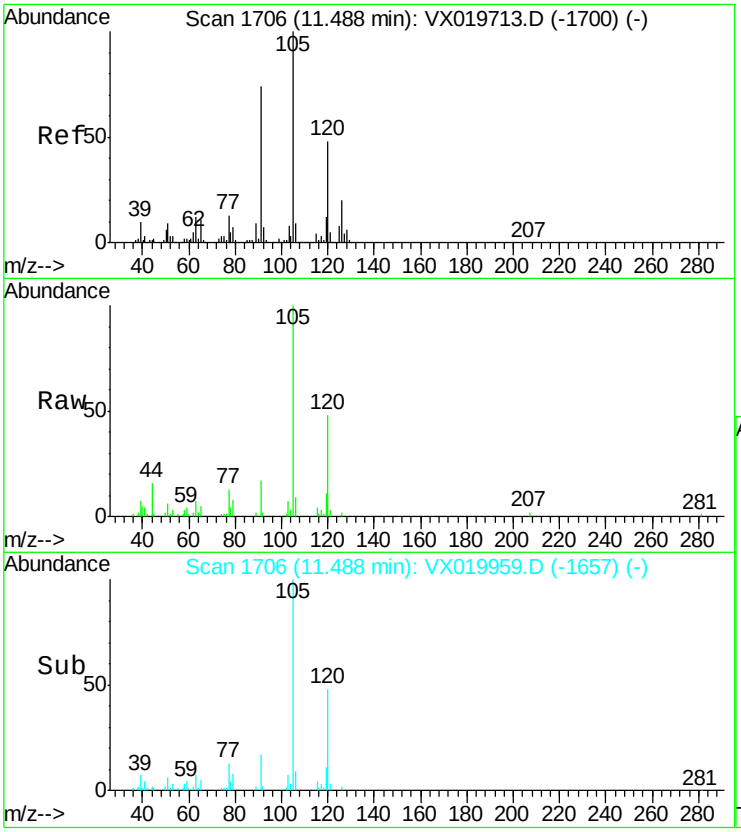


#76
1,2,3-Trichloropropane
Concen: 23.627 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 75 Resp: 101004

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#



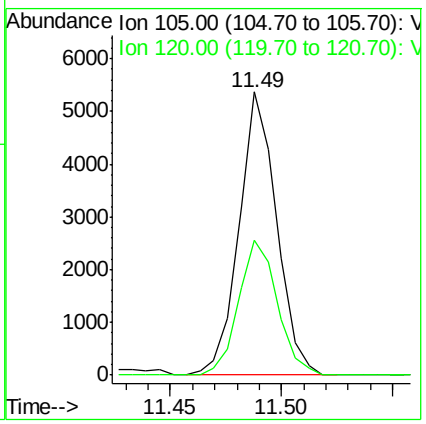


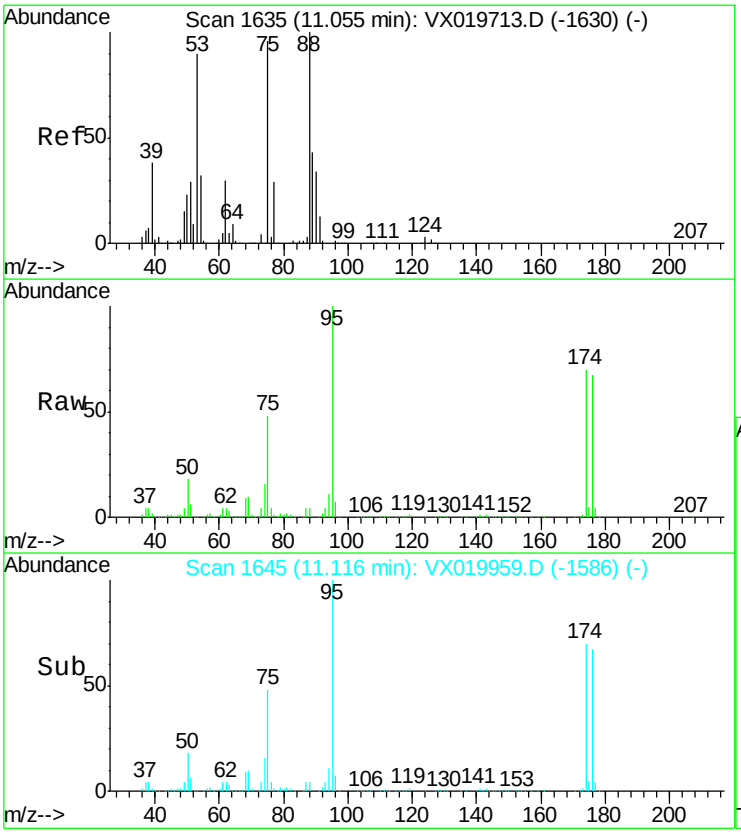
#80
1,3,5-Trimethylbenzene
Concen: 0.574 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
PB133565ZHE#11

Tgt Ion:105 Resp: 6307

Ion	Ratio	Lower	Upper
105	100		
120	49.2	23.8	71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 68.302 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019959.D
Acq: 13 Dec 2020 02:29

Tgt Ion: 75 Resp: 101004

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#